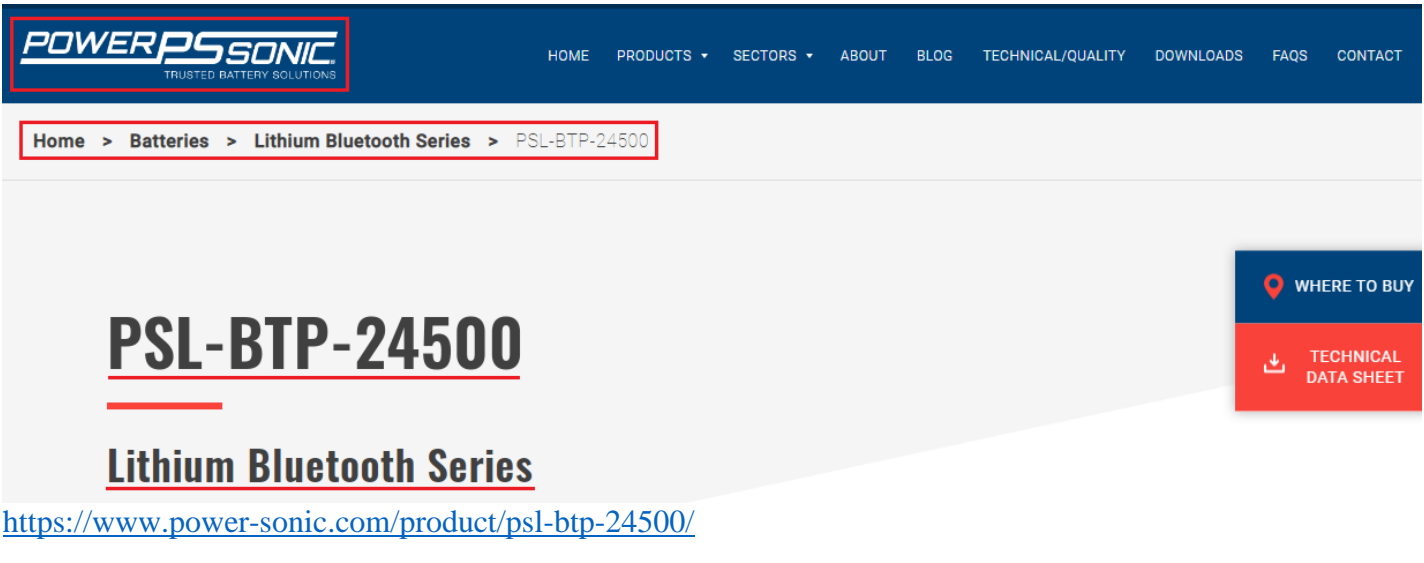


# **EXHIBIT 2**

US6346795	PowerSonic – ‘PSL-BTP-24500’ (“The accused product”)
1. A discharge control circuit for controlling discharge of a battery including at least one cell comprising:	<p>The accused product comprises a discharge control (e.g., over discharging protection circuit) circuit for controlling discharge of a battery (e.g., Lithium battery) including at least one cell (e.g., Lithium battery cells).</p>  <p><a href="https://www.power-sonic.com/product/psl-btp-24500/">https://www.power-sonic.com/product/psl-btp-24500/</a></p>

## FEATURES

## SPECIFICATIONS

## TERMINAL OPTIONS

- 25.6V 50Ah Smart LiFePO4 Battery
- Battery Management System (BMS) controls the parameters of the battery to provide optimum safety and performance
- BMS enhanced design balances the battery cells and protects against overcharging and discharging
- Bluetooth® communication capability for battery status monitoring through Power Sonic app
- Up to 10 times more cycles than lead acid batteries
- Faster charging and lower self-discharge
- Compact and only 40% of the weight of comparable lead acid batteries
- Delivers twice the power of lead acid batteries, even high discharge rate, while maintaining high energy capacity

<https://www.power-sonic.com/product/psl-btp-24500/>

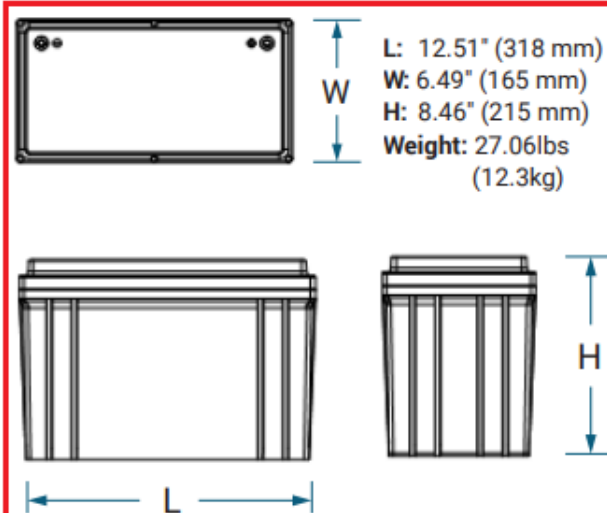


Battery Management System (BMS) features include balancing function for cells, over-current protection, over-charge protection, over-discharge protection and over-temperature protection.

# PSL-BTP-24500 25.6V 50.0 AH

Rechargeable Lithium Iron Phosphate Battery  
PSL-BTC – LiFePO4 Series Connection Range

## DIMENSIONS: inch (mm)



## Dimensional Tolerances

+/- 0.08 in. (+/- 2mm) for length, width and height

## TERMINAL

- 8mm STUD



## BATTERY FEATURES

- Super safe lithium iron phosphate (LiFePO4) chemistry reducing the risk of explosion or combustion due to high impact, over-charging or short circuit situation
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- Rugged impact resistant ABS case and cover flame retardant to UL94:V0

## APPROVALS

- UL 1642 cell certificate
- UN 38.3 Certified
- ISO9001:2015 – Quality management systems



## INTELLIGENT BATTERY MANAGEMENT SYSTEM

The PSL-BTC Series come with an intelligent battery management system which monitors current and voltages during charge and discharge. This protects the battery from over-charge and over-discharge.

The BMS embeds smart balancing algorithms that control all cell voltages in the battery, making sure they are constantly at the same voltage level, optimizing battery capacity.

<https://www.power-sonic.com/wp-content/uploads/2019/04/PSL-BTP-24500-Technical-Document.pdf>

a discharge control switch connected to the battery for cutting off a discharge current of the battery in response to a discharge stop signal; and

The accused product comprises a discharge control switch connected to the battery for cutting off a discharge current (e.g., turning off switch) of the battery in response to a discharge stop signal (e.g., over discharge control signal provided by the control circuit).

Upon information and belief, the accused product utilizes a discharge control switch in its Battery Management System (BMS) to cut-off discharge current of the battery in response to a discharge stop signal provided by Cell Protection.

FEATURES
SPECIFICATIONS
TERMINAL OPTIONS

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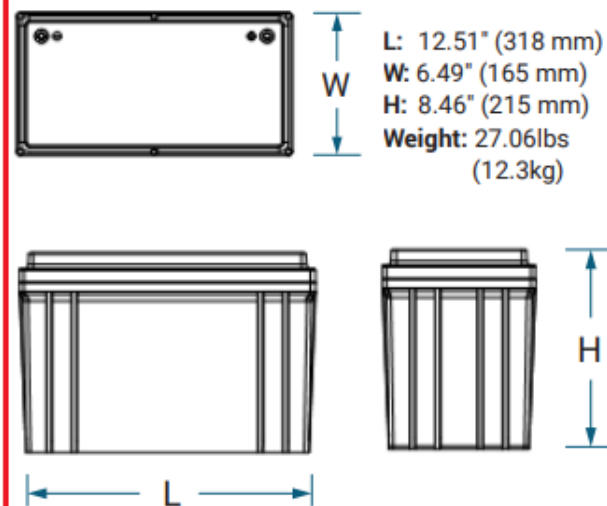


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	<table><tr><th colspan="3">BMS SPECIFICATIONS</th></tr><tr><td rowspan="2">Voltage</td><td>Charging</td><td>29.2V</td></tr><tr><td>Balancing</td><td>27.6V</td></tr><tr><td rowspan="3">Current</td><td>Self-discharge</td><td>≤3%/month</td></tr><tr><td>Max Charging</td><td>50A</td></tr><tr><td>Max Discharging</td><td>50A</td></tr><tr><td rowspan="3">Over-charging Protection</td><td>Over-charging Voltage</td><td>3.75±0.03V/Cell</td></tr><tr><td>Over-charge Delay Time</td><td>1-2s</td></tr><tr><td>Over-charging Release Voltage</td><td>3.60±0.05V/Cell</td></tr><tr><td rowspan="3">Over-discharging Protection</td><td>Over-discharging Voltage</td><td>2.00±0.05V/Cell</td></tr><tr><td>Over-discharge Delay Time</td><td>1-2s</td></tr><tr><td>Over-discharging Release Voltage</td><td>2.50±0.05V/Cell</td></tr><tr><td rowspan="3">Over-current Protection</td><td>Over-current (Discharge)</td><td>150-250A</td></tr><tr><td>Over-current Delay Time</td><td>50-200ms</td></tr><tr><td>Release Condition</td><td>Charge to release</td></tr></table> <p><a href="https://www.power-sonic.com/wp-content/uploads/2019/04/PSL-BTP-24500-Technical-Document.pdf">https://www.power-sonic.com/wp-content/uploads/2019/04/PSL-BTP-24500-Technical-Document.pdf</a></p>	BMS SPECIFICATIONS			Voltage	Charging	29.2V	Balancing	27.6V	Current	Self-discharge	≤3%/month	Max Charging	50A	Max Discharging	50A	Over-charging Protection	Over-charging Voltage	3.75±0.03V/Cell	Over-charge Delay Time	1-2s	Over-charging Release Voltage	3.60±0.05V/Cell	Over-discharging Protection	Over-discharging Voltage	2.00±0.05V/Cell	Over-discharge Delay Time	1-2s	Over-discharging Release Voltage	2.50±0.05V/Cell	Over-current Protection	Over-current (Discharge)	150-250A	Over-current Delay Time	50-200ms	Release Condition	Charge to release
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deactivates the discharge control switch when a voltage of at least one cell reaches a lower limit, wherein the control circuit includes a switch holding circuit for continuously supplying the discharge stop signal to the discharge control switch for a predetermined time after the discharge stop signal is generated.

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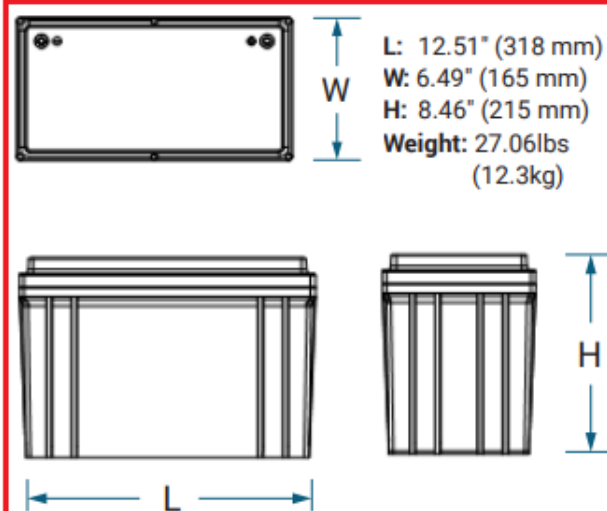


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